Drawing Sheet 1 of 4 (20206-21)
"System and Method for Controlling Netw.
Traffic Flow in a Multi-Processor Network"
Filed: June 28, 2001 NAIK et al.
Serial No.: 09/895,577

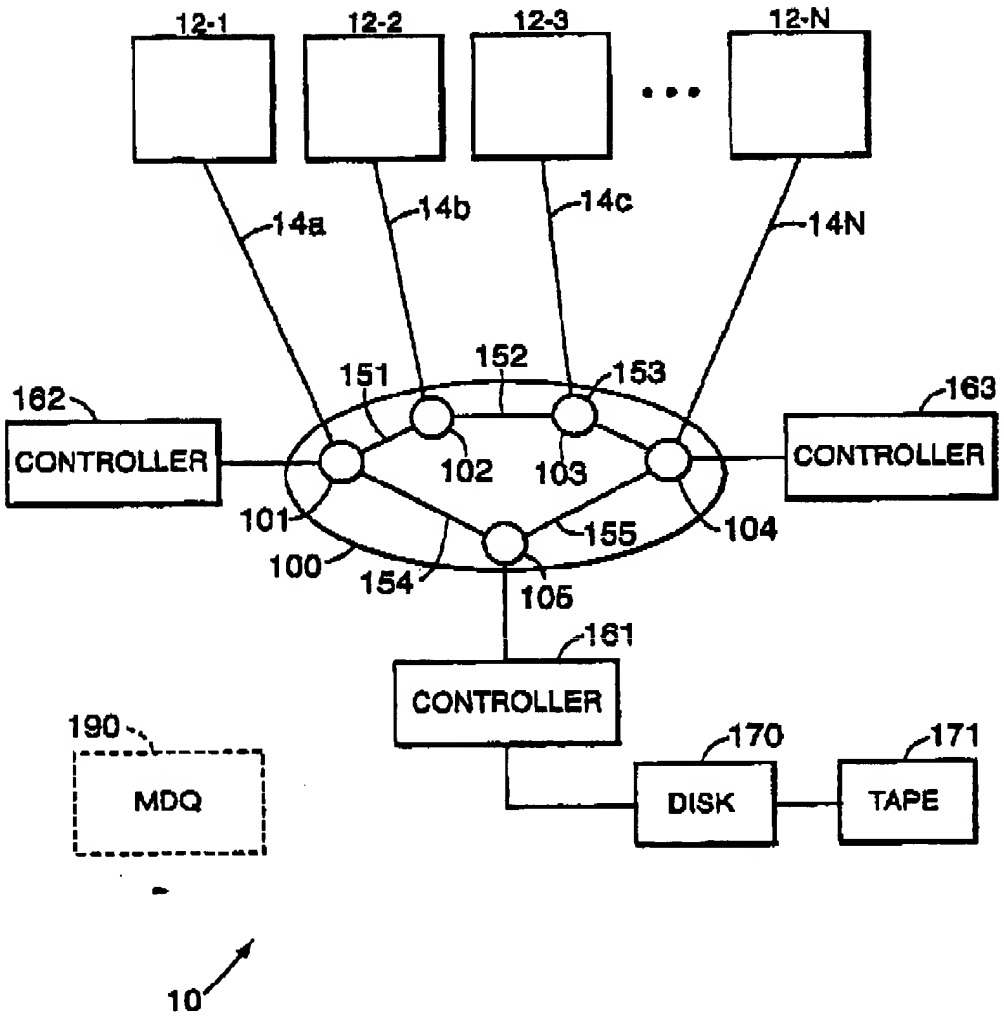


FIG. 1

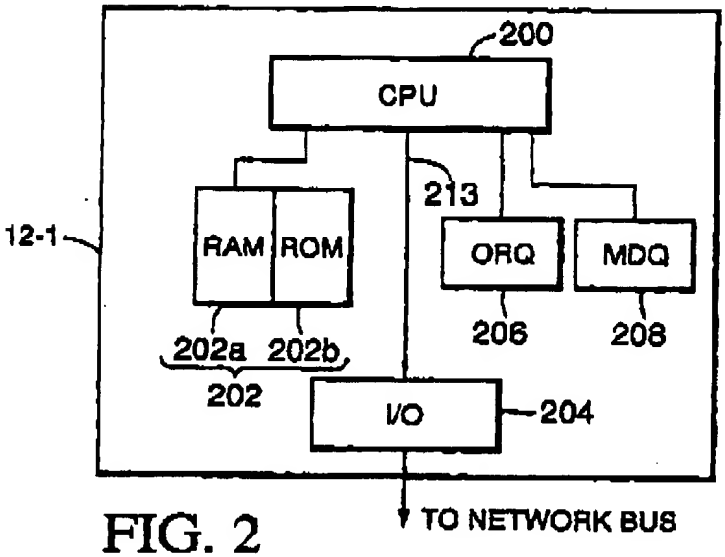


FIG. 2

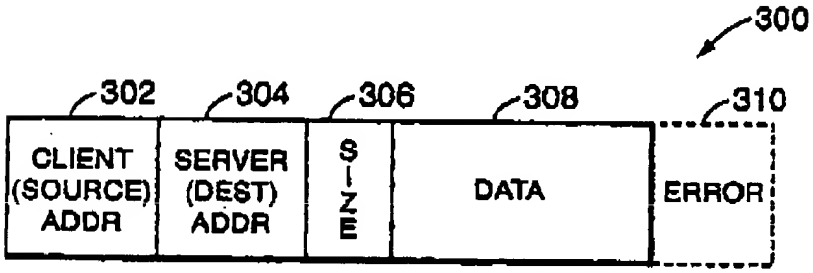
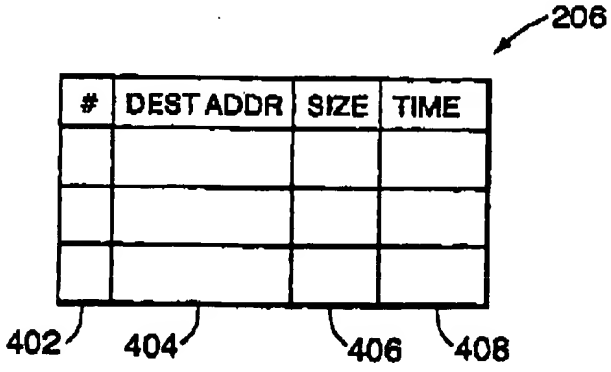


FIG. 3

FIG. 4



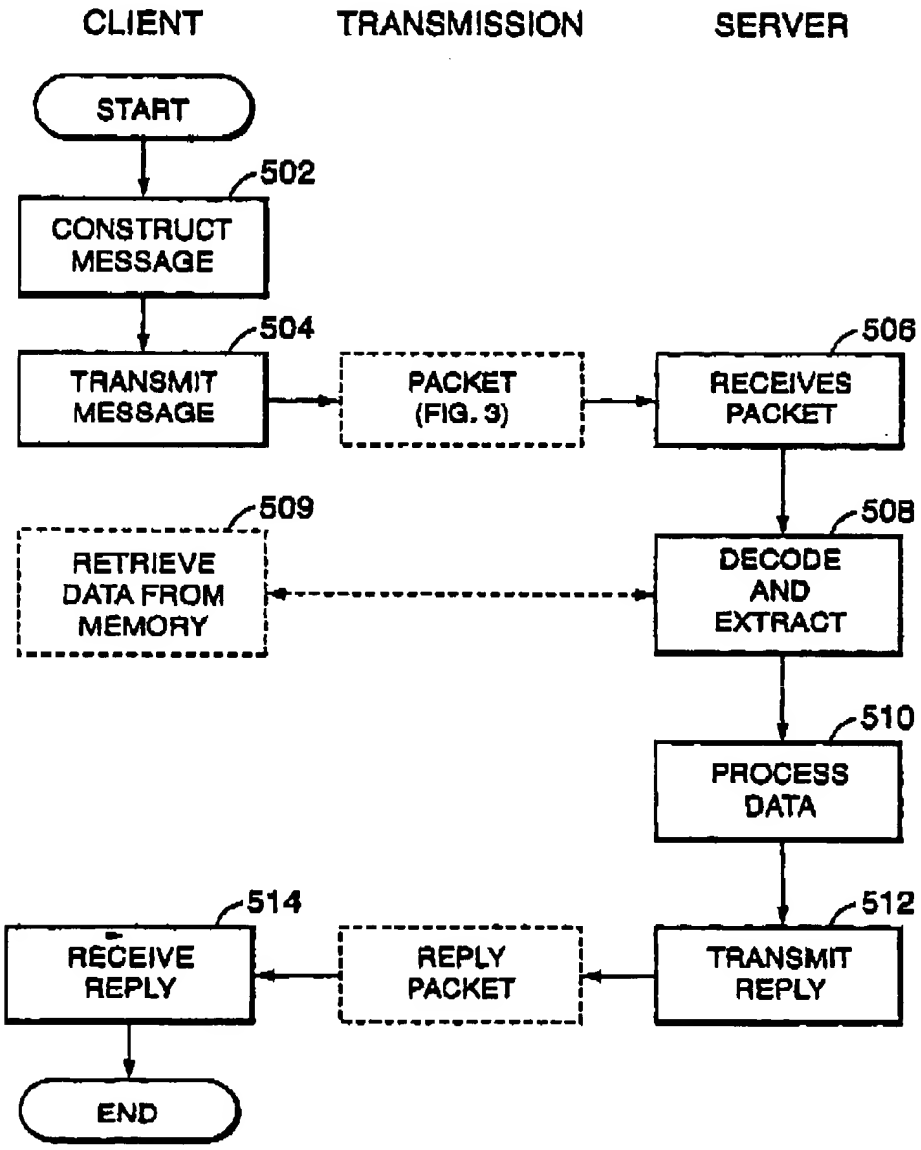

CLIENT
TRANSMISSION
SERVER
START
502
CONSTRUCT MESSAGE
504
TRANSMIT MESSAGE
PACKET (FIG. 3)
506
RECEIVES PACKET
509
RETRIEVE DATA FROM MEMORY
508
DECODE AND EXTRACT
510
PROCESS DATA
514
RECEIVE REPLY
REPLY PACKET
512
TRANSMIT REPLY
END

FIG. 5

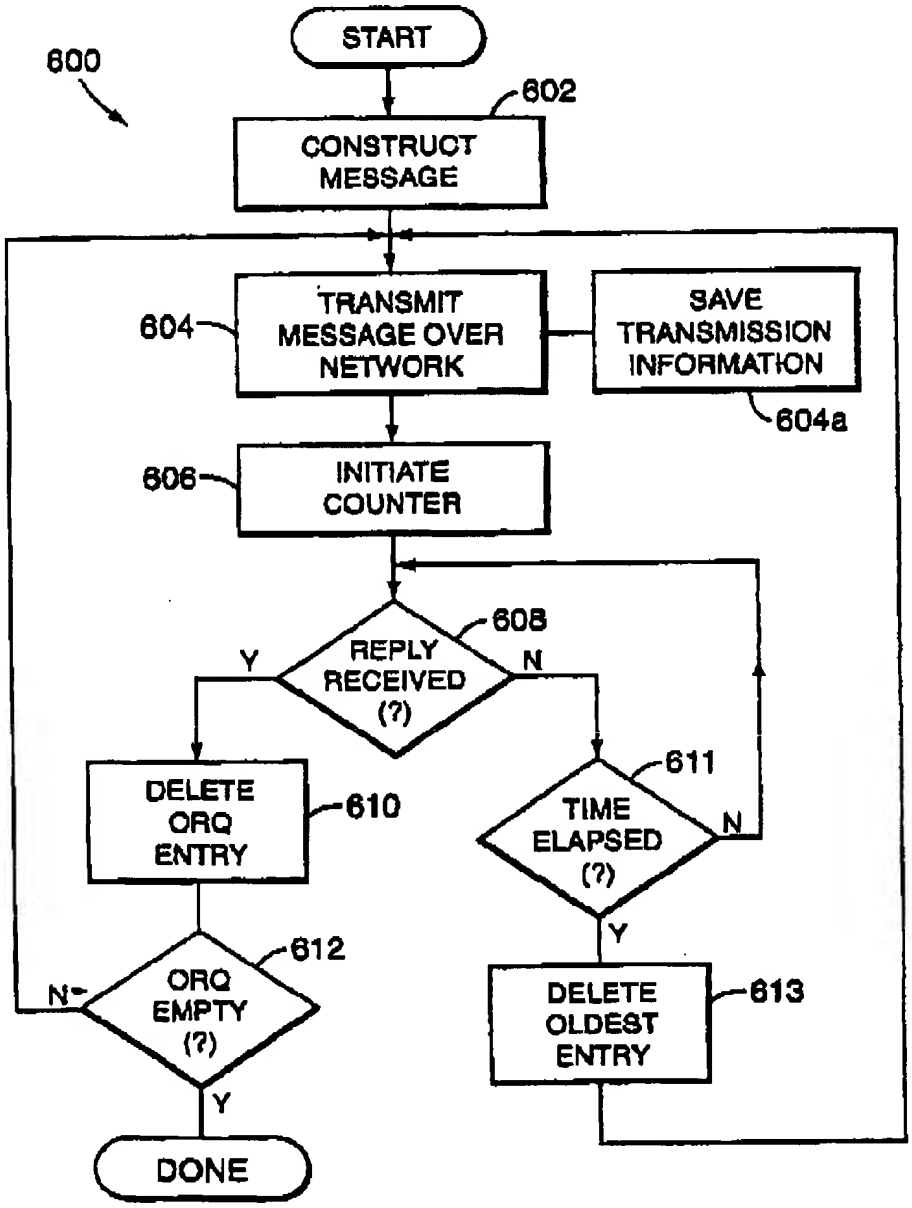

600
START
602
CONSTRUCT MESSAGE
604
TRANSMIT MESSAGE OVER NETWORK
SAVE TRANSMISSION INFORMATION
604a
606
INITIATE COUNTER
608
REPLY RECEIVED (?)
Y
N
DELETE ORQ ENTRY
610
611
TIME ELAPSED (?)
N
Y
612
ORQ EMPTY (?)
N
Y
613
DELETE OLDEST ENTRY
DONE

FIG. 6